



**Montana Department of
ENVIRONMENTAL QUALITY**

MAILED
11-23-26 JH

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

November 3, 2006

Mr. Ben Sautter
CITY OF HELENA
City/County Building
316 N. Park Avenue
Helena, MT 59623

**RE: CITY OF HELENA CLOSED LANDFILL – LICENSE #90 – GROUNDWATER REPORTS REVIEW
STATISTICAL EVALUATION OF MARCH AND JUNE 2006 GROUNDWATER QUALITY DATA
DATA VALIDATION REPORT FOR JUNE 2006 GROUNDWATER QUALITY DATA
SEPTEMBER 2006 GROUNDWATER SAMPLING RESULTS**

Dear Mr. Sautter:

The Department has reviewed the above noted reports submitted by Hydrometrics, Inc., on behalf of the City of Helena. The following comments are provided for your consideration:

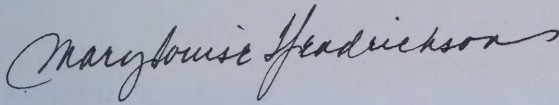
- In regards to the groundwater extraction system that is operational only during the irrigation season, please provide the Department information on the volume of water that is pumped from the system annually. This information may be included in future groundwater reports that provide the groundwater quality information after the system has been shut down for the year. The Department does not see the need, at present, to provide a separate communication for this information.
- ARM 17.50.708(4)(a) requires the determination of the groundwater flow rate and direction each time a well is sampled. The groundwater flow direction has been provided in past reports, however, the flow rates have not. Please provide this information in all future June and December semi-annual groundwater monitoring reports.
- As discussed during our brief meeting on October 31, 2006, the Department does not see the need to continue to submit separate data validation, statistical evaluation, and groundwater summary reports for each groundwater sampling event. These reports may be consolidated into a single report for each sampling event and should be submitted within 90-days of the groundwater sampling events.
- The Department is requesting the submittal of a report evaluating the effectiveness of the combined groundwater and methane extraction program on the overall groundwater quality beneath the site, including an estimate of the overall volume of contaminants removed by the combined corrective measures. The *"Two-Year Evaluation of Groundwater Extraction System at the Helena Landfill"* report, submitted in January,

MAILED

2003, concluded that the groundwater extraction system has been effectively capturing contaminants leaving the landfill and improving downgradient water quality. However, in the report, the combined impact of the methane and groundwater extraction systems was not addressed, nor did the report specifically address the impact the system has had on the downgradient water quality in the area of well I-4, the furthest downgradient monitoring well that is sampled on a regular basis. Since the extraction system has been in place now for 6 years, the Department believes that the development of a report on the effectiveness of the remedial measures is needed. Please submit this report within 90-days of the date of this letter.

If you have any questions or comments regarding this review, please do not hesitate to contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program.

Respectfully,



Mary Louise Hendrickson
Environmental Science Specialist
Solid Waste Regulatory Program
Phone: 406-444-1808; Fax: 406-444-1374
Email: mhendrickson@mt.gov

cc: Ms. Jodi Bingham, Hydrometrics, Inc., 3020 Bozeman Ave., Helena, MT 59601
File: Lewis and Clark County/City of Helena Landfill (Closed)/License 90/Groundwater Monitoring
Path: G:\WUT\SWS\GWater\Responses\L & C\CityofHelena\closedHelena-0606review.doc

Correspondence Slip

Project ID: _____

Requested: 11-2-06Needed By: 11-3-06Originator: me

Org(s)/Mail Code: _____

REVIEW
ROUTING

Name

Task

Initial/Date

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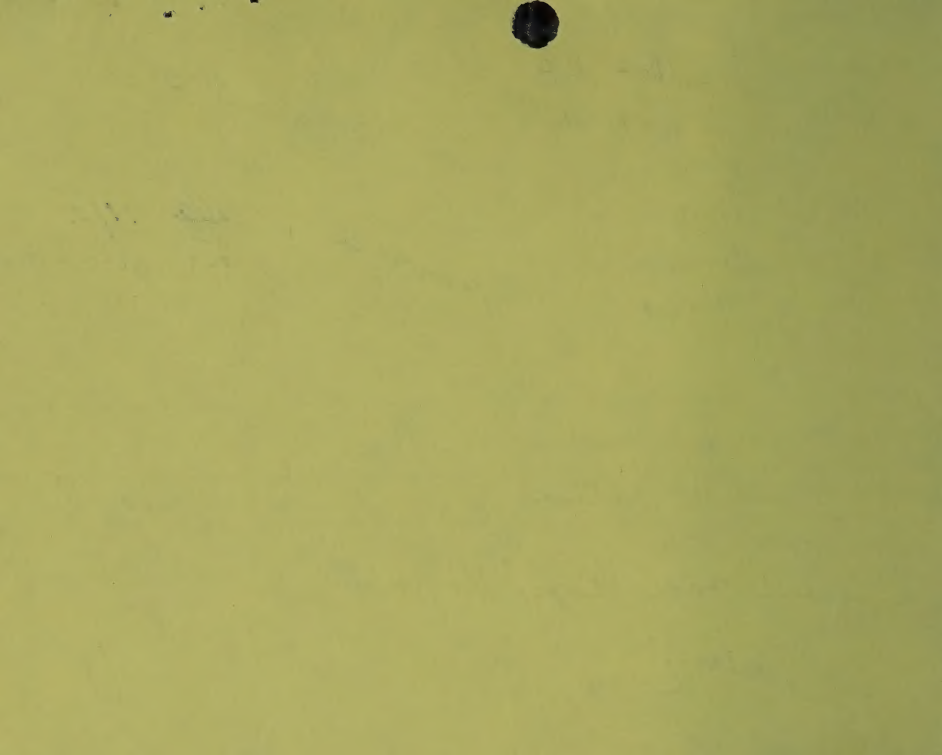
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See letterMail copy of enclosures
to CC's? Y NCopies of enclosures
for file needed? Y NCopy of letter for file
needed? Y N

Special Instructions:

Please make copy for meThanks !!





Montana Department of
ENVIRONMENTAL QUALITY

MAILED

7-17-06

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

July 17, 2006

Mr. John Rundquist
CITY OF HELENA
City/County Building
316 N. Park Avenue
Helena, MT 59623

**RE: CITY OF HELENA CLOSED LANDFILL – LICENSE #90
REVIEW OF MARCH 2006 GROUNDWATER MONITORING RESULTS**

Dear Mr. Rundquist:

The Department has reviewed the above noted report submitted by Hydrometrics, Inc., on behalf of the City of Helena. The groundwater monitoring report meets the requirements of the Administrative Rules of Montana (ARM) 17.50.708.

If you have any questions or comments regarding this review, please do not hesitate to contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program.

Respectfully,

Mary Louise Hendrickson
Environmental Science Specialist
Solid Waste Regulatory Program
Phone: 406-444-1808; Fax: 406-444-1374
Email: mhendrickson@mt.gov

cc: Ms. Jodi Bingham, Hydrometrics, Inc., 3020 Bozeman Ave., Helena, MT 59601

File: Lewis and Clark County/City of Helena Landfill (Closed)/License 90/Groundwater Monitoring

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MAILED

Department of
Environmental Quality

THE STATE OF MONTANA

June 1, 1978

Mr. John B. ...
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...

Re: ...
...

Correspondence Slip

Project ID: _____

Requested:

7-17-06

Needed By:

7-17-06

Originator:

mlk

Org(s)/MailCode: _____

Name

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Initial/Date

DarrellPatRickJamesreviewDLW 7/17/06FPC 7/17RT 7/17/06JP 7-17REVIEW
ROUTING

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at: _____

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see letter

Special Instructions:

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Shawler!Mail copy of
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for file needed? Y NCopy of letter for file
needed? Y N



Montana Department of
ENVIRONMENTAL QUALITY

MAILED

6-8-26 Jh

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

June 7, 2006

Mr. John Rundquist
CITY OF HELENA
City/County Building
316 N. Park Avenue
Helena, MT 59623

**RE: CITY OF HELENA CLOSED LANDFILL – LICENSE #90
REVIEW OF STATISTICAL EVALUATION OF SEPTEMBER AND DECEMBER, 2005
DECEMBER, 2005 GROUNDWATER MONITORING RESULTS AND
REVIEW AND APPROVAL OF REVISED SAMPLING AND ANALYSIS PLAN**

Dear Mr. Rundquist:

The Department has reviewed the above noted reports submitted by Hydrometrics, Inc., on behalf of the City of Helena. The groundwater monitoring and statistical evaluation reports meet the requirements of the Administrative Rules of Montana (ARM) 17.50.708. In addition, the revised Sampling and Analysis Plan (SAP), covering both methane and groundwater monitoring, has been approved. The revised SAP has been placed in the Department's file. Thank you for your timely response to the Department's request for the updated plan.

If you have any questions or comments regarding these reviews, please do not hesitate to contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program.

Respectfully,

Mary Louise Hendrickson
Environmental Science Specialist
Solid Waste Regulatory Program
Phone: 406-444-1808; Fax: 406-444-1374
Email: mhendrickson@mt.gov

cc: Ms. Jodi Bingham, Hydrometrics, Inc., 3020 Bozeman Ave., Helena, MT 59601
File: Lewis and Clark County/City of Helena Landfill (Closed)/License 90/Groundwater Monitoring
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Correspondence Slip

Project ID: _____

Requested: 6-7-06

Needed By: 6-7-06

Originator: mek

Org(s)/MailCode: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Darrell

Rich

James

review

Done 6/7/06

RT 6-7-06

/

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Mail original via:

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Fax to addressee at

Proof Path: G:\WUT\

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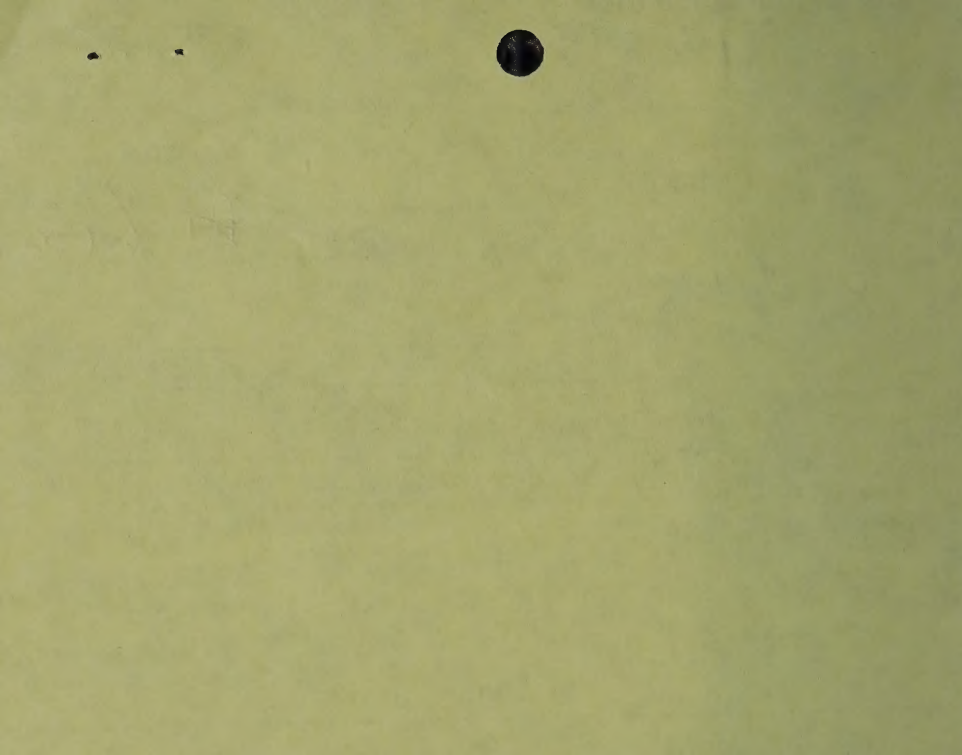
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to CC's? Y N

Copies of enclosures
for file needed? Y N

Copy of letter for file
needed? Y N

Special Instructions:





Montana Department of
ENVIRONMENTAL QUALITY

MAILED

2-7-06 JH

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

February 7, 2006

Mr. John Rundquist
Public Works Director
City of Helena
316 North Park Avenue
Helena, MT 59623

RE: December 2005 Ground Water Monitoring Results and January 2006 Methane Report, Old
Helena Landfill, License Number 90

Dear Mr. Rundquist:

The Solid Waste Program received the December 2005 Groundwater Monitoring Results and January 2006 Methane Report on February 1, 2006. The Groundwater Monitoring was assigned to Mary Louise Hendrickson for review. I anticipate that you will receive a response from Ms. Hendrickson within 90 days. The Methane Report assigned to Pat Crowley for review. I anticipate that you will receive a response from him within 10 days.

If you have any questions on the review status or the results, please contact Ms. Hendrickson directly at 406-444-1808, or by email at mhendrickson@mt.gov or Mr. Pat Crowley directly at 406-444-5294, or by email at pcrowley@mt.gov. If you have any other issues or questions, please contact me at 406-444-5345, or at rithompson@mt.gov.

Sincerely

F. Patrick Crowley for _____

Rick Thompson, Supervisor
Waste Management Section
Waste and Underground Tank Management Bureau

MAILED

U.S. DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

TO : DIRECTOR, FBI
FROM : SAC, NEW YORK
SUBJECT: [Illegible]
RE: [Illegible]

Enclosed for the Bureau are two copies of a letterhead memorandum (LHM) dated and captioned as above.

Very truly yours,
[Illegible Signature]

Enclosure



Montana Department of
ENVIRONMENTAL QUALITY

MAILED
2-01-06 JH

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

January 31, 2006

Mr. John Rundquist
CITY OF HELENA
City/County Building
316 N. Park Avenue
Helena, MT 59623

**RE: CITY OF HELENA CLOSED LANDFILL – LICENSE #90
REVIEW OF 2004 AND MARCH, JUNE, AND SEPTEMBER, 2005 GROUNDWATER MONITORING
RESULTS**

Dear Mr. Rundquist:

The Department has received and reviewed the analytical results from the above noted groundwater monitoring events for the City of Helena closed landfill. Thank you for your patience regarding the Department's response to the report submittals. The reports meet the requirements of the Administrative Rules of Montana (ARM) 17.50.708. However, the following comment is provided for your consideration:

- The reports reference the use of the 1994 Groundwater Sampling and Analysis Plan (SAP). In accordance with ARM 17.50.709, periodic updates to the groundwater SAP are required. For closed landfills, the rules require the submittal of an updated plan at least every 10 years. Therefore, please update and submit a new SAP to the Department for review and approval within 90-days of the date of this letter.

If you have any questions or comments, please do not hesitate to contact me at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program.

Respectfully,

Mary Louise Hendrickson
Environmental Science Specialist
Solid Waste Regulatory Program
Phone: 406-444-1808; Fax: 406-444-1374
Email: mhendrickson@mt.gov

cc: Ms. Jodi Bingham, Hydrometrics, Inc., 3020 Bozeman Ave., Helena, MT 59601
File: Lewis and Clark County/City of Helena Landfill (Closed)/License 90/Groundwater
Path: G:\WUT\SWS\GWater\Responses\L & C\CityofHelena\closedHelena-04-05review.doc

MAILED

Department of
ENVIRONMENTAL QUALITY

1000 North Main Street • Portland, Oregon 97227 • (503) 281-1234 • FAX (503) 281-1235

January 21, 1993

Mr. John Smith
City of Portland
City Center Building
700 NE Oregon Street
Portland, OR 97232

RE: Environmental Cleanup - Luckiamute
Project on Luckiamute River and Estuary, 2002 Cleanup and Monitoring
Report

Dear Mr. Smith:

The Department has received and reviewed the analytical results from the water quality monitoring and sampling conducted by the City of Portland during the monitoring period. These results are being provided to you for your information and use in your ongoing monitoring and sampling program. The results from the monitoring period of the 2002 cleanup and monitoring project are as follows:

The results indicate that the majority of the 2002 cleanup and monitoring project objectives were met. The results also indicate that the monitoring and sampling program was successful in identifying areas of concern and in providing information to the public regarding the status of the river and estuary. The results also indicate that the monitoring and sampling program was successful in providing information to the public regarding the status of the river and estuary.

If you have any questions or concerns regarding the results of the monitoring and sampling program, please contact the Department at (503) 281-1234.

Sincerely,

John Smith
City of Portland
City Center Building
700 NE Oregon Street
Portland, OR 97232

cc: Mr. John Smith
City of Portland
City Center Building
700 NE Oregon Street
Portland, OR 97232

Correspondence Slip

Project ID: _____

Requested: 1-27-06

Completed By: 1-27-06

Originator: nek

Org(s)/MailCode: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Darrell

DKD, 1/27/06

Rick

KT, 1-31-06

_____/____

_____/____

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Special Instructions:

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 M4H after sending
 Charles!*

Mail copy of
 enclosures
 to CC's? Y N

Copies of enclosures
 for file needed? Y N

Copy of letter for file
 needed? Y N

1-27-02

1-27-02

Book

Forrest
Rich

see letter

Write me again for
next after reading
Charles.

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**STATISTICAL EVALUATION OF SEPTEMBER
2006 AND DECEMBER 2006 GROUNDWATER
QUALITY DATA**

APRIL 2007

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 28**

RECEIVED 4/6/2007

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**DATA VALIDATION REPORT,
GROUNDWATER QUALITY DATA, SEMI-
ANNUAL SAMPLING, DECEMBER 2006**

JANUARY 2007

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 28**

RECEIVED 2/2/2007

CLOSED

County Lewis & Clark
Facility & # City of Helena #40
Closure Landfarm
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GW Corr Meas Methane
GW Monitoring O & M
GW Reports Run - On
Inspections
Other: _____



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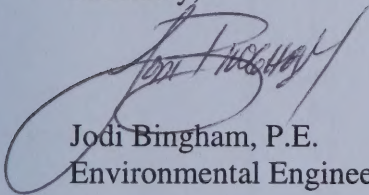
November 30, 2006

Ms. Mary Louise Hendrickson
Environmental Science Specialist
Montana Department of Environmental Quality
Permitting and Compliance Division
Waste & Underground Tank Management Bureau
Solid Waste Program
P.O. Box 200901
Helena, MT 59620

Dear Mary Louise,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the December 2006 semiannual groundwater monitoring at the Helena Landfill. This sampling regime is as listed in the approved Revised Sampling and Analysis Plan for the City of Helena (Hydrometrics, 2006). Sampling personnel will be attempting to sample the week of December 11. Please call if you have any questions or comments.

Sincerely,



Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena
Ben Sautter, City of Helena
Mike Wignot, Hydrometrics

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DEC 01 2006

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

**HELENA LANDFILL
DECEMBER 2006 SAMPLE SITE AND PARAMETER LIST**

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
INF. GALLERY	Table 1 VOC's only
MPC-2	Table 1 VOC's only
HL-90-2	Table 1
HL-94-1	Table 1
HL-94-3	Table 1
83-6	Table 1
HL-90-3	Table 1
HL-90-3 (duplicate)	Table 1
HL-94-2	Table 1
I-1	Water level only
HL-99-1	Table 1
HL-99-2	Table 1
HL-90-1	Table 1
HL-99-3	Table 1
MPC-1	Table 1
I-4	Table 1 VOC's only
EPA-1	Table 1
MPC-5	Table 1
Residential Wells:	
5	Table 1 VOC's only
16	Table 1 VOC's only
40	Table 1 VOC's only
48	Table 1 VOC's only
52	Table 1 VOC's only
57	Table 1 VOC's only
62	Table 1 VOC's only
90	Table 1 VOC's only
Quality Control:	
Trip Blank	Table 1
Rinsate Blank	Table 1

(1) Monitoring wells are listed in the order to be sampled.

CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90

HYDROMETRICS

STATISTICAL EVALUATION OF MARCH 2006
AND JUNE 2006 GROUNDWATER QUALITY
DATA

SEPTEMBER 2006

IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 28

RECEIVED 10/10/2006

#90

County

Facility & #

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GW Corr Meas

GW Monitoring

GW Reports

Inspections

Other:

LEC

Closed

City of
Helena

Landfarm

Liner

Methane

O & M

Run - On



Hydrometrics, Inc.
consulting scientists and engineers

#90
3020 Bozeman Avenue
Helena, MT 59601
(406) 443-4150
Fax: (406) 443-4155
www.hydrometrics.com

August 28, 2006

Ms. Mary Hendrickson
Environmental Science Specialist
Montana Department of Environmental Quality
Permitting and Compliance Division
Waste & Underground Tank Management Bureau
Solid Waste Program
P.O. Box 200901
Helena, MT 59620

Dear Mary,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the September 2006 quarterly groundwater monitoring at the Helena Landfill. Sampling personnel will be attempting to sample the week of September 4. Well 5 is being sampled as part of the City's Action Plan for tetrachloroethene (PCE) in downgradient domestic wells. Please call if you have any questions or comments.

Sincerely,

for
Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena
Bill Michaelson, City of Helena
Mike Wignot, Hydrometrics

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AUG 30 2006

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

**HELENA LANDFILL
MARCH 2006 SAMPLE SITE AND PARAMETER LIST**

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
HL-99-3	Table 1 VOC's only
HL-99-2	Table 1 VOC's only
HL-99-1	Table 1 VOC's only
HL-90-1	Table 1 VOC's only
5	Table 1 VOC's only

(1) Wells are listed in the order to be sampled.

RELEASED UNDER THE PRESIDENT JOHN F. KENNEDY ASSASSINATION ACT OF 1964

Document Number	Document Title
100-101	Letter from [redacted] to [redacted], 10/10/63
100-102	Letter from [redacted] to [redacted], 10/10/63
100-103	Letter from [redacted] to [redacted], 10/10/63
100-104	Letter from [redacted] to [redacted], 10/10/63
100-105	Letter from [redacted] to [redacted], 10/10/63

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**DATA VALIDATION REPORT,
GROUNDWATER QUALITY DATA, SEMI-
ANNUAL SAMPLING, JUNE 2006**

JULY 2006

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
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1959-1960, 1961-1962

1963-1964, 1965-1966, 1967-1968
1969-1970, 1971-1972, 1973-1974
1975-1976, 1977-1978, 1979-1980

1981-1982

1983-1984, 1985-1986, 1987-1988
1989-1990, 1991-1992, 1993-1994
1995-1996, 1997-1998, 1999-2000

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County L&C
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Closure
Finan Assur
GW Corr Meas
GW Monitoring
GW Reports
Inspections
Other: _____

Landfarm
Liner
Methane
O & M
Run - On



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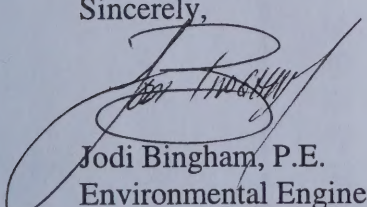
May 16, 2006

Ms. Mary Hendrickson
Environmental Science Specialist
Montana Department of Environmental Quality
Permitting and Compliance Division
Waste & Underground Tank Management Bureau
Solid Waste Program
P.O. Box 200901
Helena, MT 59620

Dear Mary,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the June 2006 semiannual groundwater monitoring at the Helena Landfill. There are no changes from the December 2005 sampling regime. Sampling personnel will be attempting to sample the week of June 5. Please call if you have any questions or comments.

Sincerely,



Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena
Bill Michaelson, City of Helena
Mike Wignot, Hydrometrics

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MAY 17 2006

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

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MAY 1964

U.S. DEPARTMENT OF
HEALTH, EDUCATION & WELFARE
OFFICE OF THE ASSISTANT SECRETARY
FOR PUBLIC AFFAIRS

HELENA LANDFILL **JUNE 2006 SAMPLE SITE AND PARAMETER LIST**

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
83-6	Table 1
HL-94-1	Table 1
HL-94-2	Table 1
HL-90-3	Table 1
HL-90-3 (duplicate)	Table 1
INF. GALLERY	Table 1 VOC's only
HL-94-3	Table 1
MPC-2	Table 1 VOC's only
HL-90-2	Table 1
HL-99-3	Table 1
EPA-1	Table 1
HL-99-2	Table 1
MPC-1	Table 1
MPC-5	Table 1
HL-99-1	Table 1
I-4	Table 1 VOC's only
HL-90-1	Table 1
Residential Wells:	
5	Table 1 VOC's only
16	Table 1 VOC's only
40	Table 1 VOC's only
48	Table 1 VOC's only
52	Table 1 VOC's only
57	Table 1 VOC's only
62	Table 1 VOC's only
90	Table 1 VOC's only
Quality Control:	
Trip Blank	Table 1
Rinsate Blank	Table 1

(1) Monitoring wells are listed in the order to be sampled.

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67. _____	_____	_____
68. _____	_____	_____
69. _____	_____	_____
70. _____	_____	_____
71. _____	_____	_____
72. _____	_____	_____
73. _____	_____	_____
74. _____	_____	_____
75. _____	_____	_____
76. _____	_____	_____
77. _____	_____	_____
78. _____	_____	_____
79. _____	_____	_____
80. _____	_____	_____
81. _____	_____	_____
82. _____	_____	_____
83. _____	_____	_____
84. _____	_____	_____
85. _____	_____	_____
86. _____	_____	_____
87. _____	_____	_____
88. _____	_____	_____
89. _____	_____	_____
90. _____	_____	_____
91. _____	_____	_____
92. _____	_____	_____
93. _____	_____	_____
94. _____	_____	_____
95. _____	_____	_____
96. _____	_____	_____
97. _____	_____	_____
98. _____	_____	_____
99. _____	_____	_____
100. _____	_____	_____

Total _____
 Date: _____

**CLOSED
CITY OF HELENA LANDFILL
LICENSE NUMBER 90**

HYDROMETRICS

**RESULTS OF MARCH 2006 GROUNDWATER
SAMPLING**

APRIL 2006

**IS LOCATED IN THE GROUNDWATER
MONITORING REPORTS ARCHIVE,
BOX NUMBER 28**

RECEIVED 4/26/2006

1945

1945

1945

1945

1945

1945

1945

Closed
Helen LF

County

LEC

Facility & #

Old Helen LF

Closure

Finan Assur

#90

Landfarm

GW Corr Meas

Liner

GW Monitoring

Methane

GW Reports

O & M

Inspections

Run - On

Other:



Hydrometrics, Inc.
consulting scientists and engineers

3020 Bozeman Avenue
Helena, MT 59601
(406) 443-4150
Fax: (406) 443-4155
www.hydrometrics.com

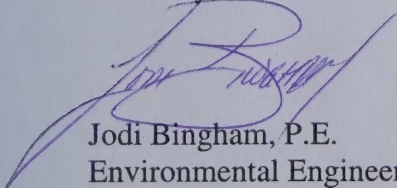
February 23, 2006

Ms. Mary Hendrickson
Environmental Science Specialist
Montana Department of Environmental Quality
Permitting and Compliance Division
Waste & Underground Tank Management Bureau
Solid Waste Program
P.O. Box 200901
Helena, MT 59620

Dear May,

Enclosed for your review are the proposed monitoring sites and analytical schedule for the March 2006 quarterly groundwater monitoring at the Helena Landfill. Sampling personnel will be attempting to sample the week of March 20. Well 5 is being sampled as part of the City's Action Plan for tetrachloroethene (PCE) in downgradient domestic wells. Please call if you have any questions or comments.

Sincerely,



Jodi Bingham, P.E.
Environmental Engineer/Chemist

c: John Rundquist, City of Helena
Bill Michaelson, City of Helena
Mike Wignot, Hydrometrics

RT
RECEIVED

FEB 24 2006

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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**HELENA LANDFILL
MARCH 2006 SAMPLE SITE AND PARAMETER LIST**

Site Name	Parameter
Monitoring Wells ⁽¹⁾	
HL-99-3	Table 1 VOC's only
HL-99-2	Table 1 VOC's only
HL-99-1	Table 1 VOC's only
HL-90-1	Table 1 VOC's only
5	Table 1 VOC's only

(1) Wells are listed in the order to be sampled.

